

FIG. 1 is a schematic diagram of a device for measuring the focal length of a lens. The device includes a light source 10, a lens 20, and a detector 30. The light source 10 emits a beam of light 15 which passes through the lens 20 and is focused at the detector 30. The focal length of the lens 20 is determined by the distance between the lens 20 and the detector 30.

FIGURE 1

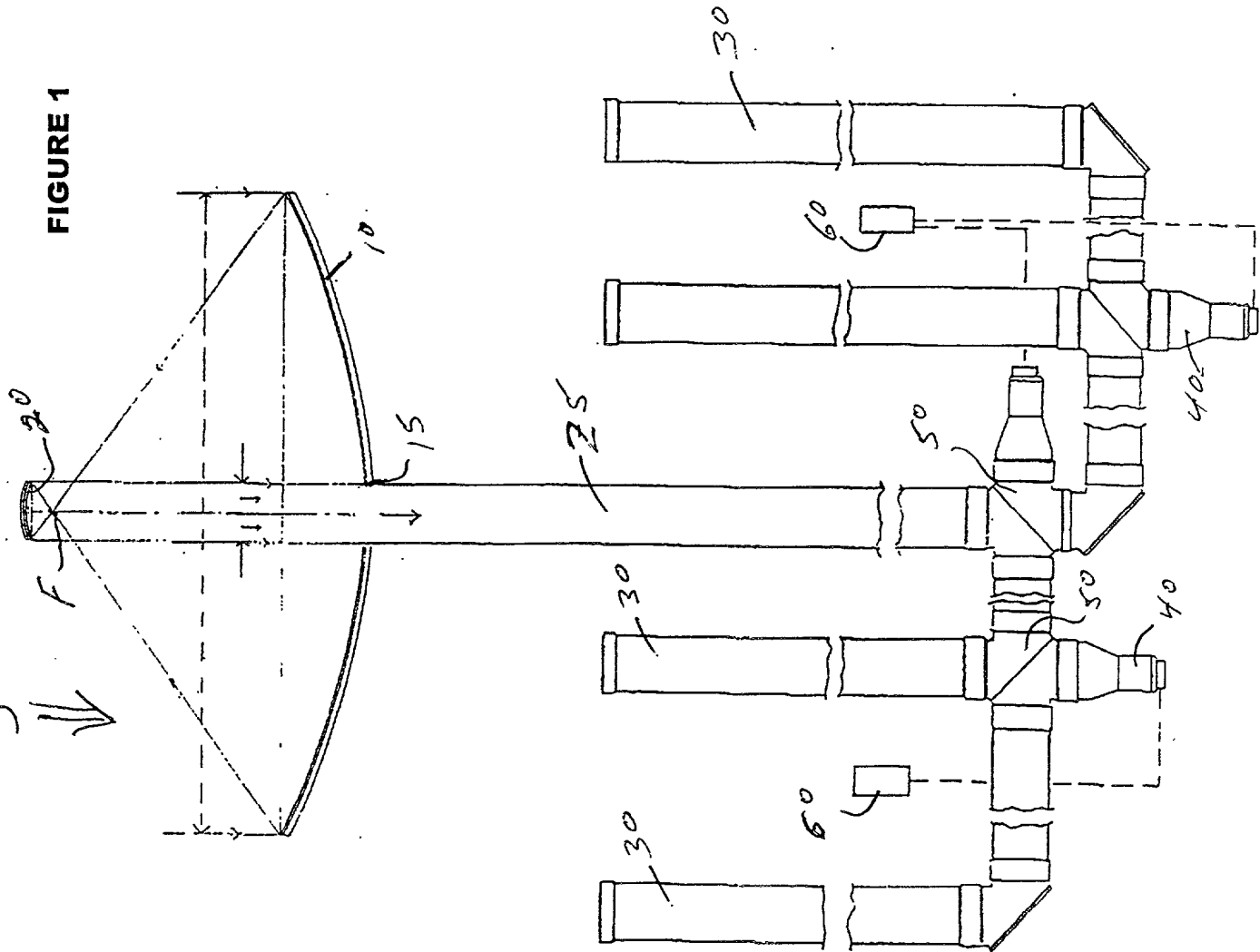


FIGURE 2

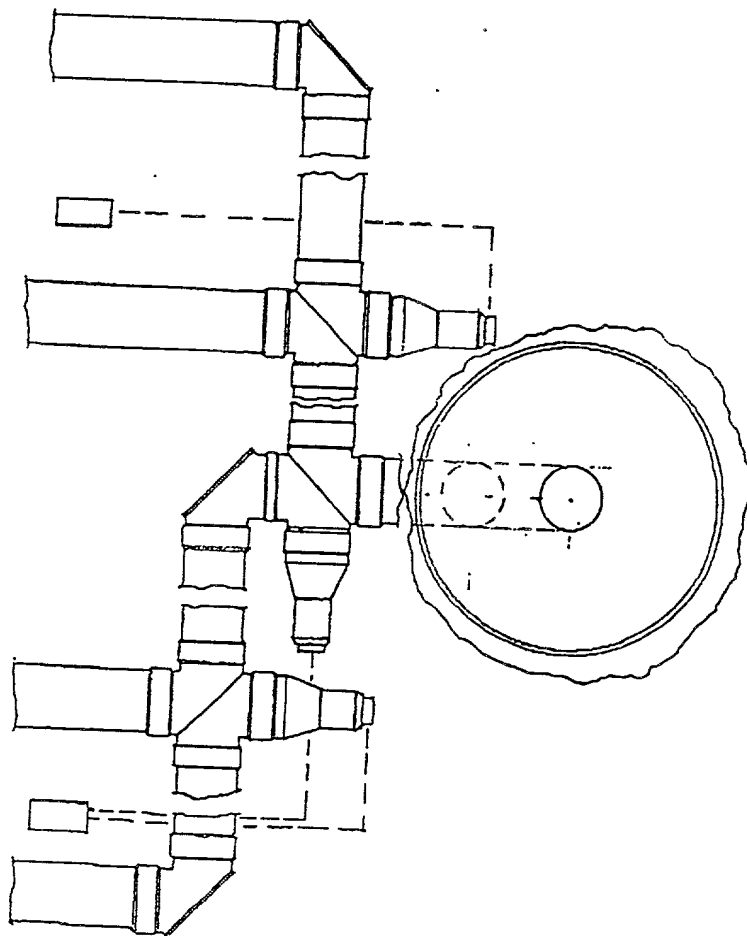


FIGURE 3

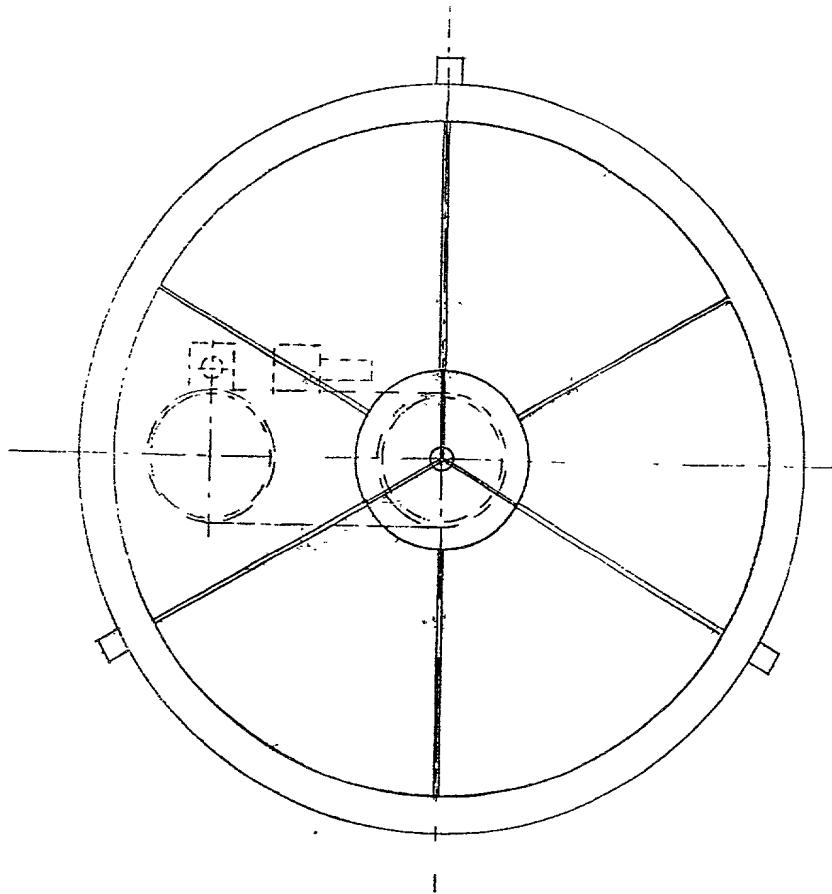


FIGURE 4

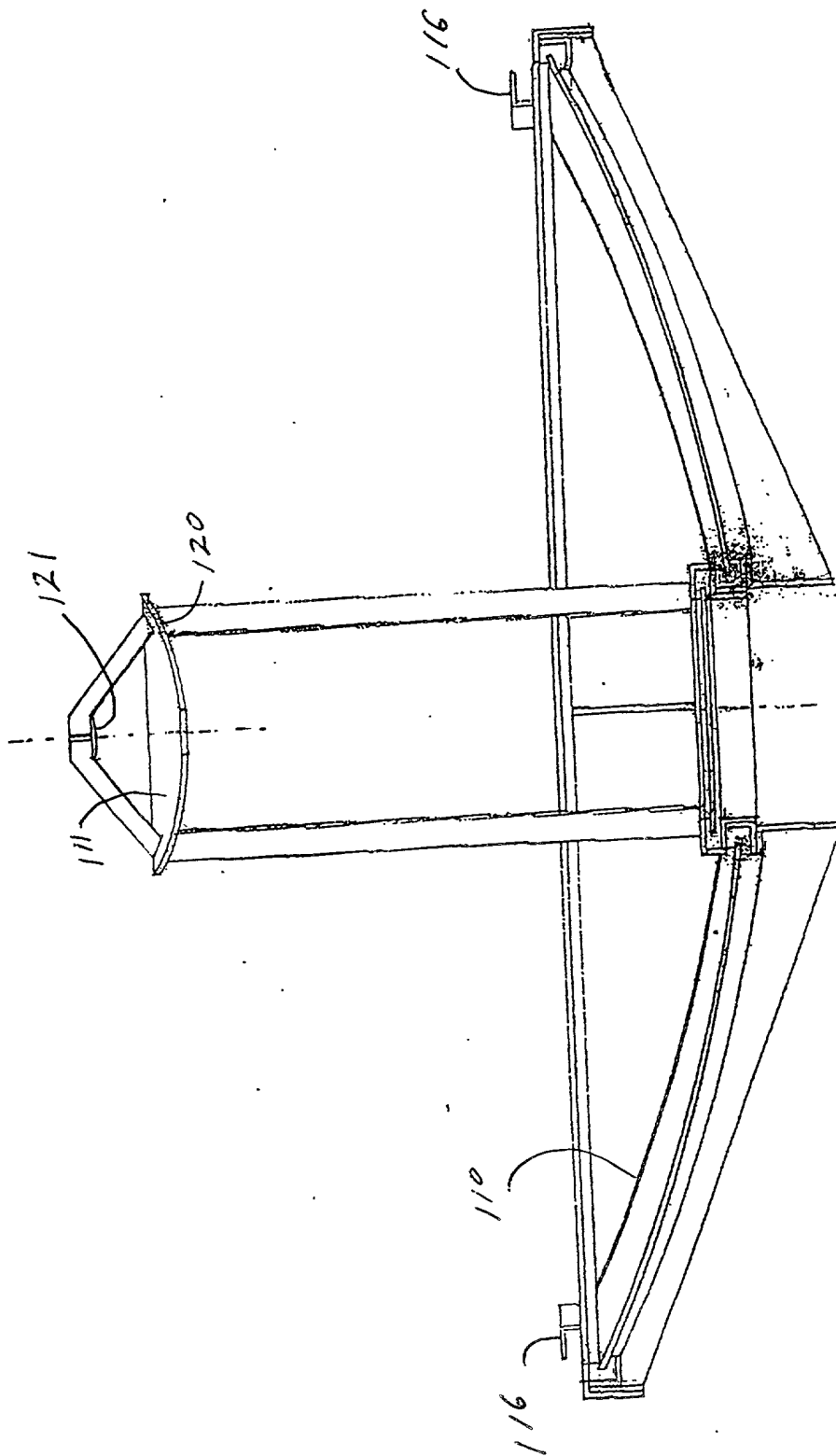


FIGURE 5

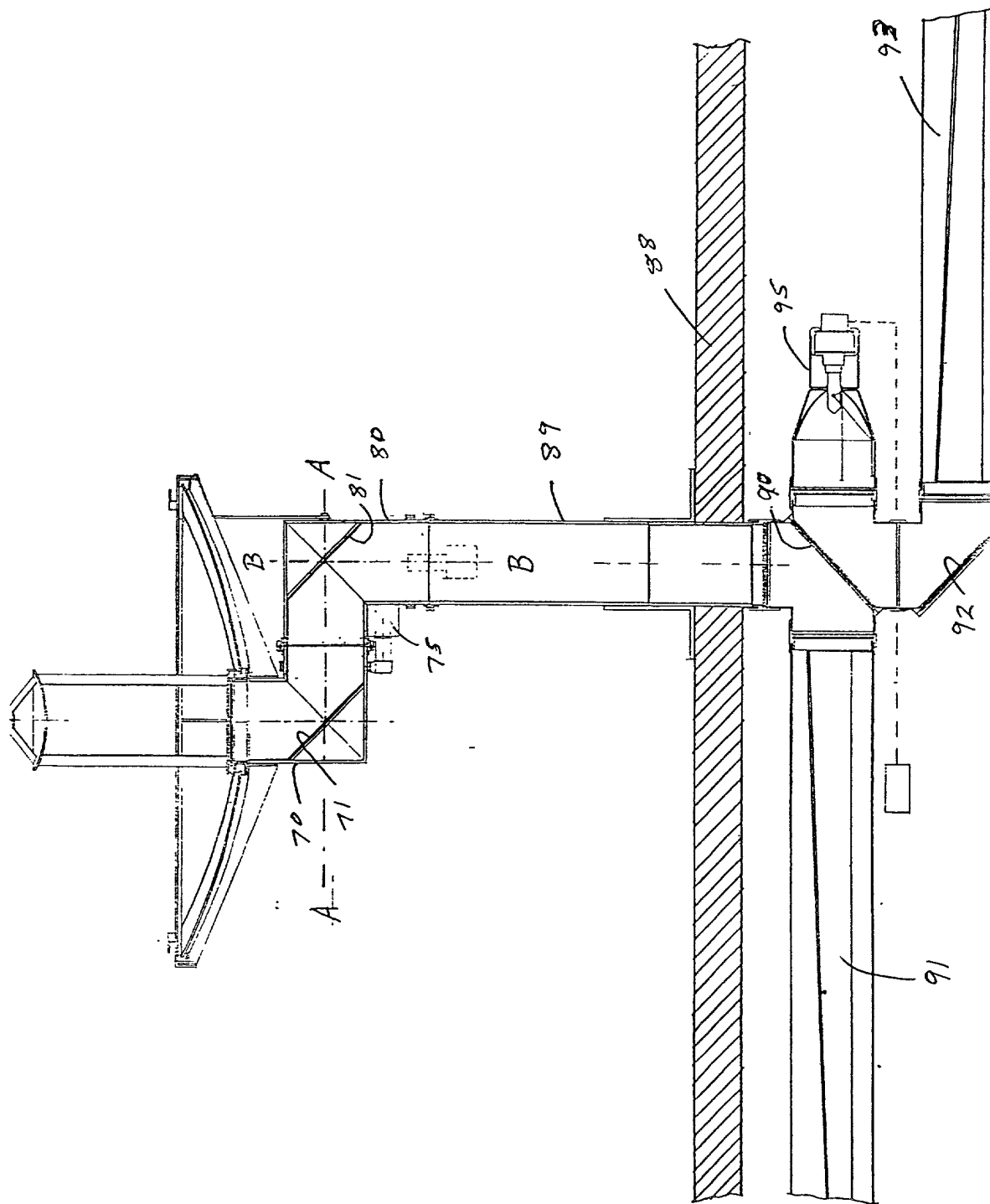


FIGURE 6

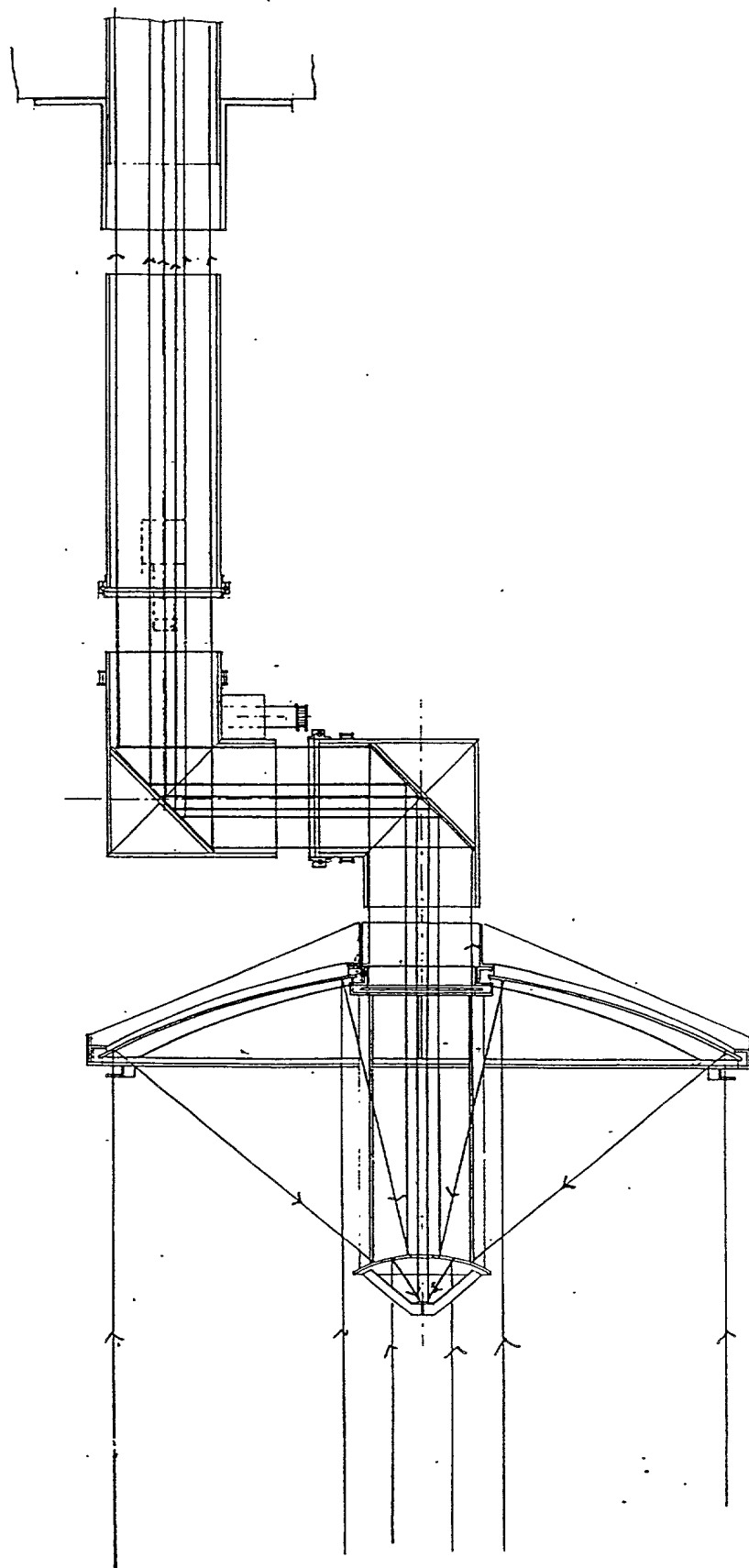


FIGURE 7

FIGURE 7

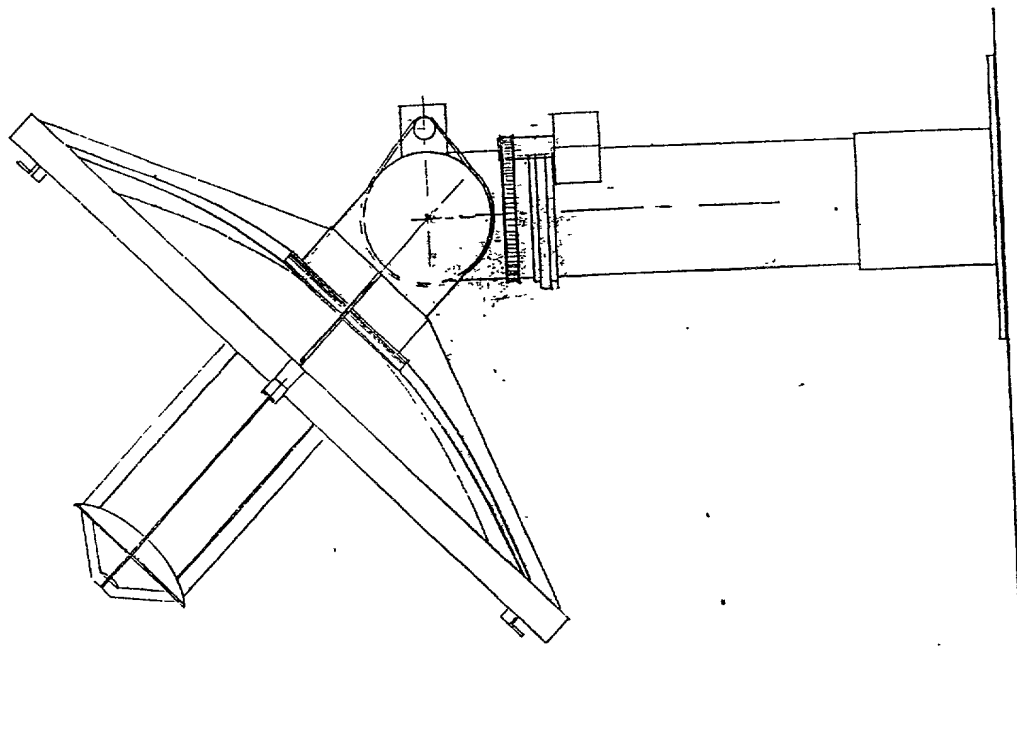


FIGURE 8

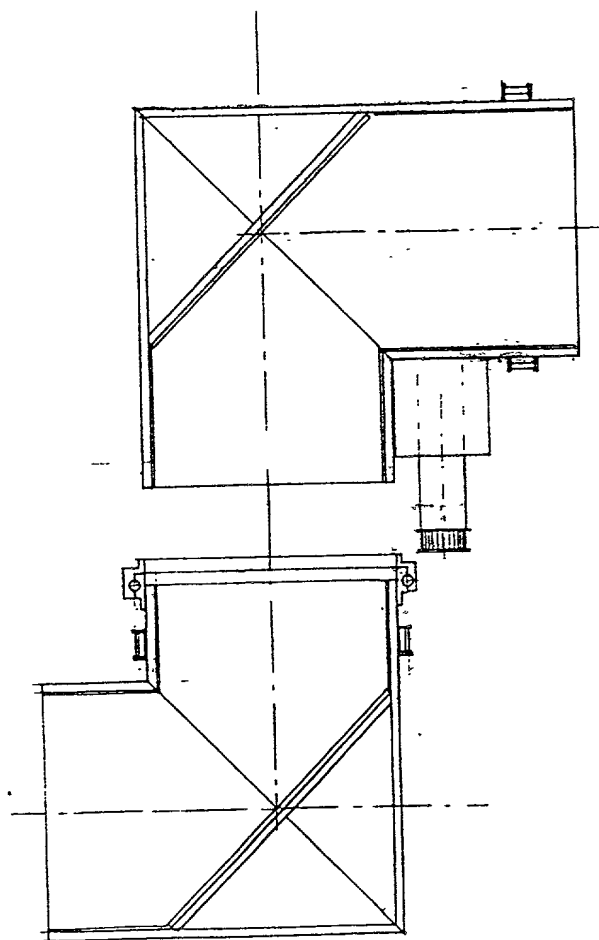


FIG. 10 is a perspective view of the device of FIG. 9, showing the device in a closed position. The device is shown in a perspective view, and the dashed lines indicate the position of the device when it is open.

FIGURE 10

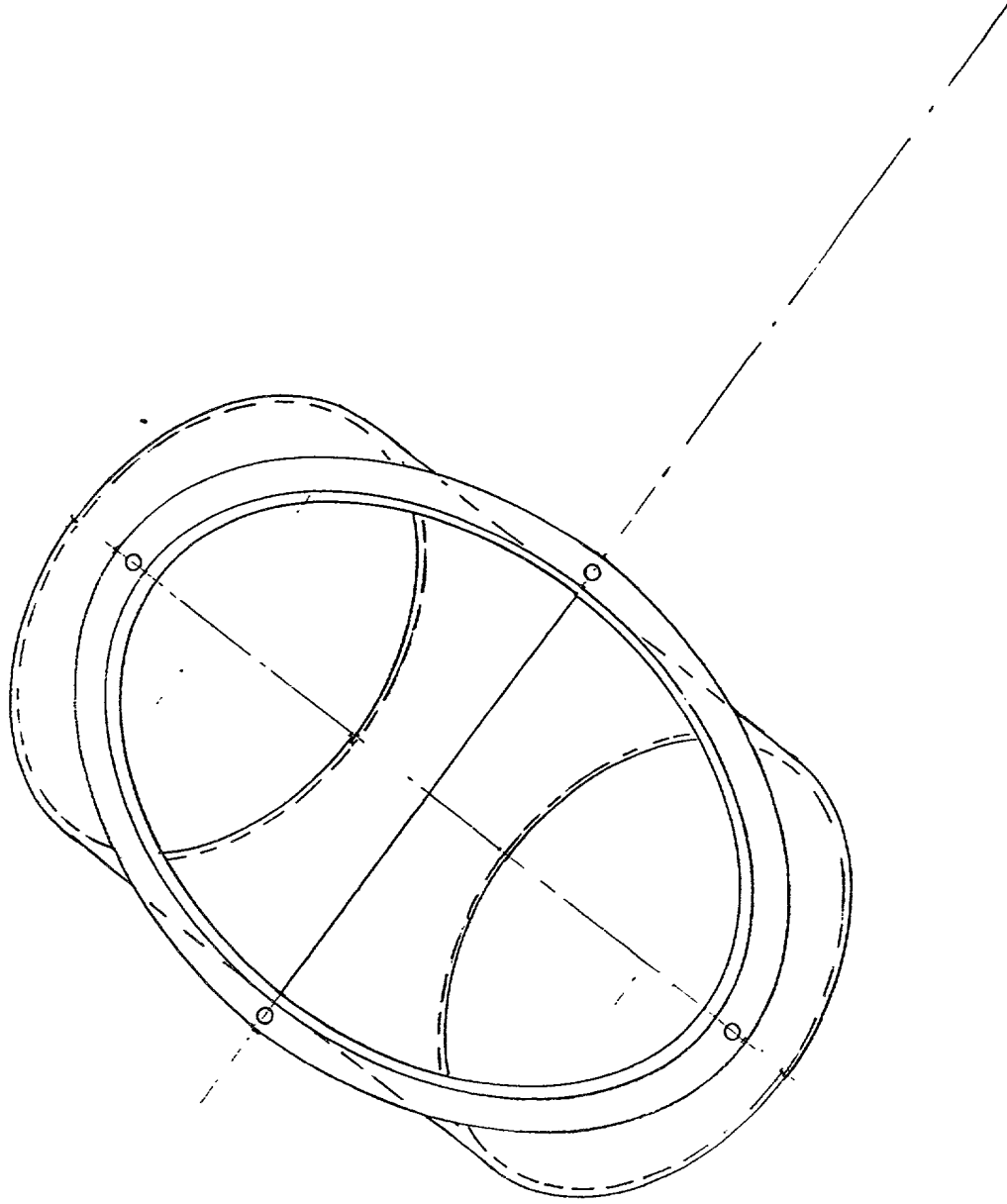


FIGURE 12

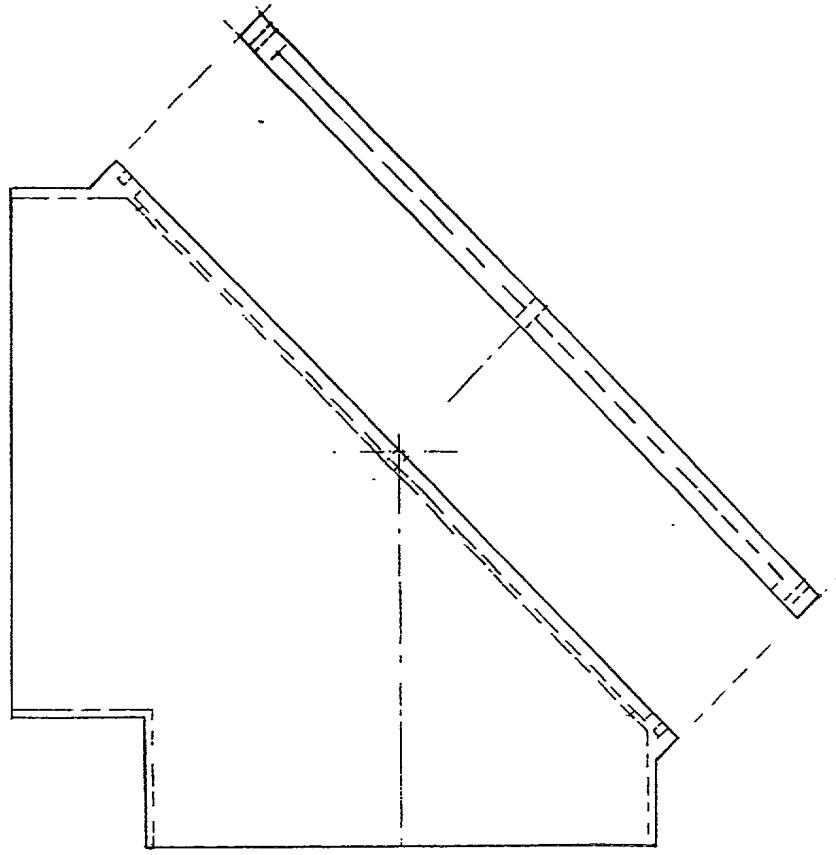


FIGURE 11

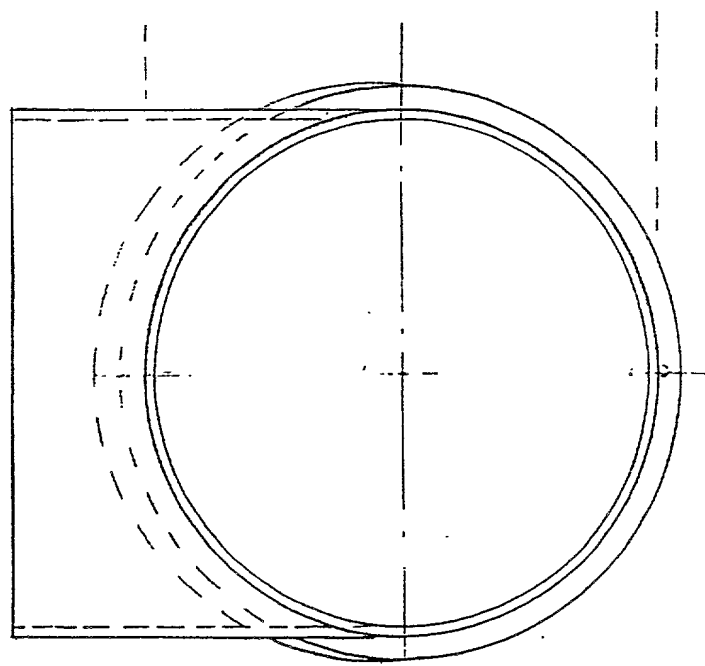


FIGURE 13

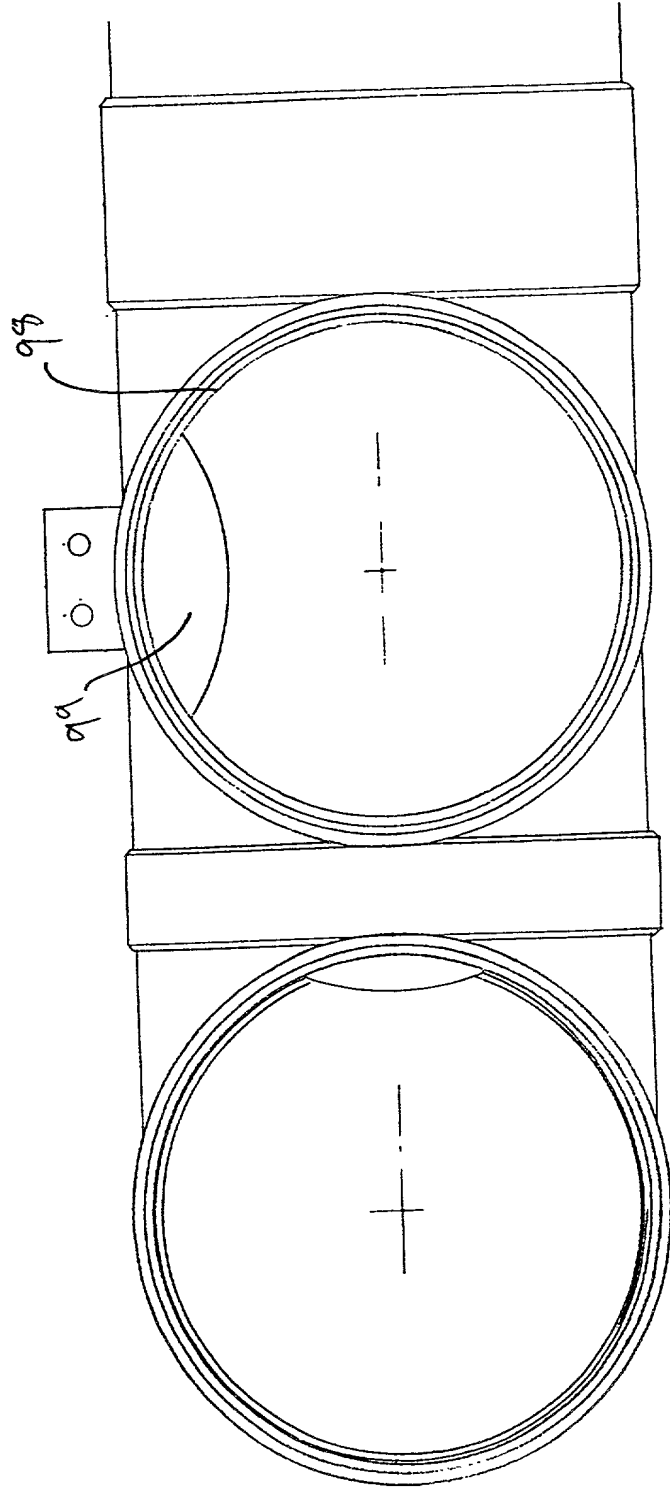


FIGURE 15

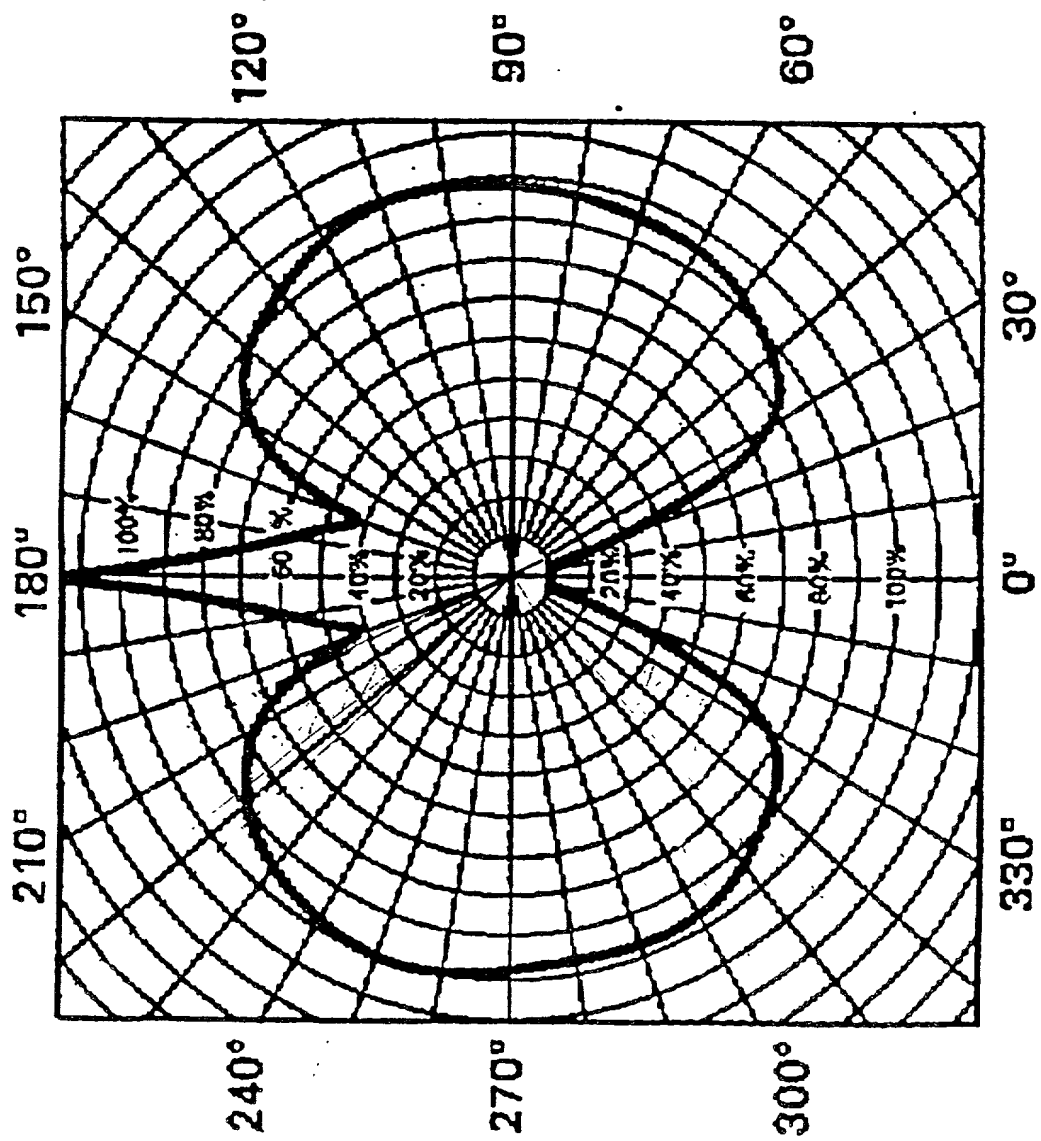


FIGURE 14

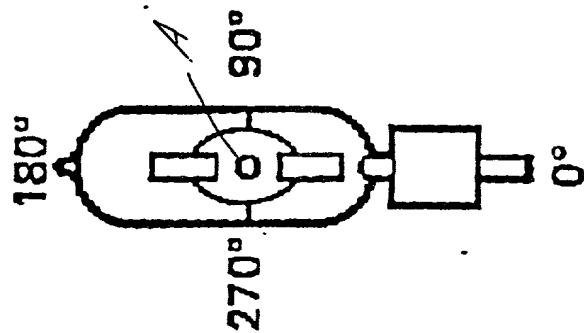


FIGURE 16

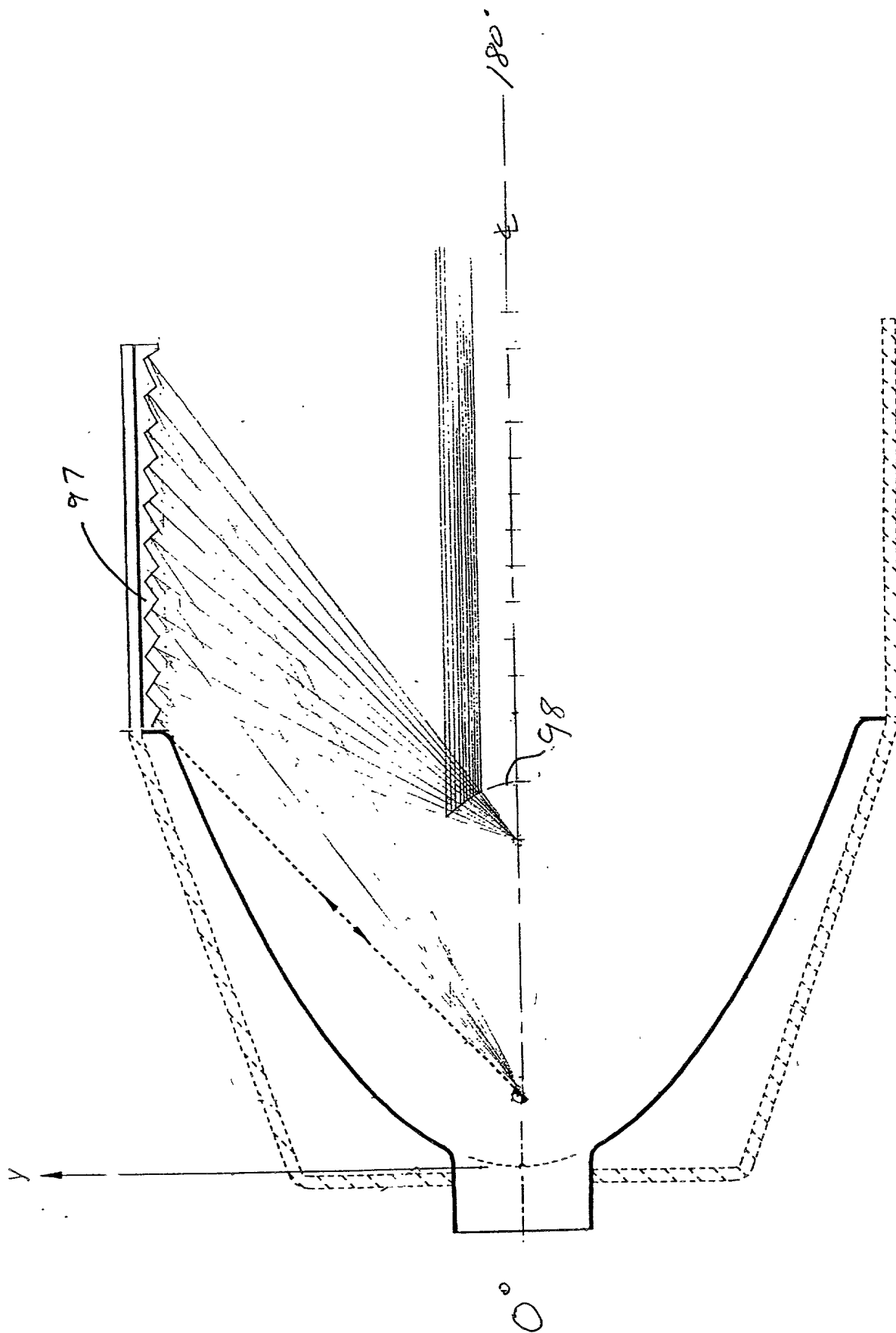


FIGURE 17

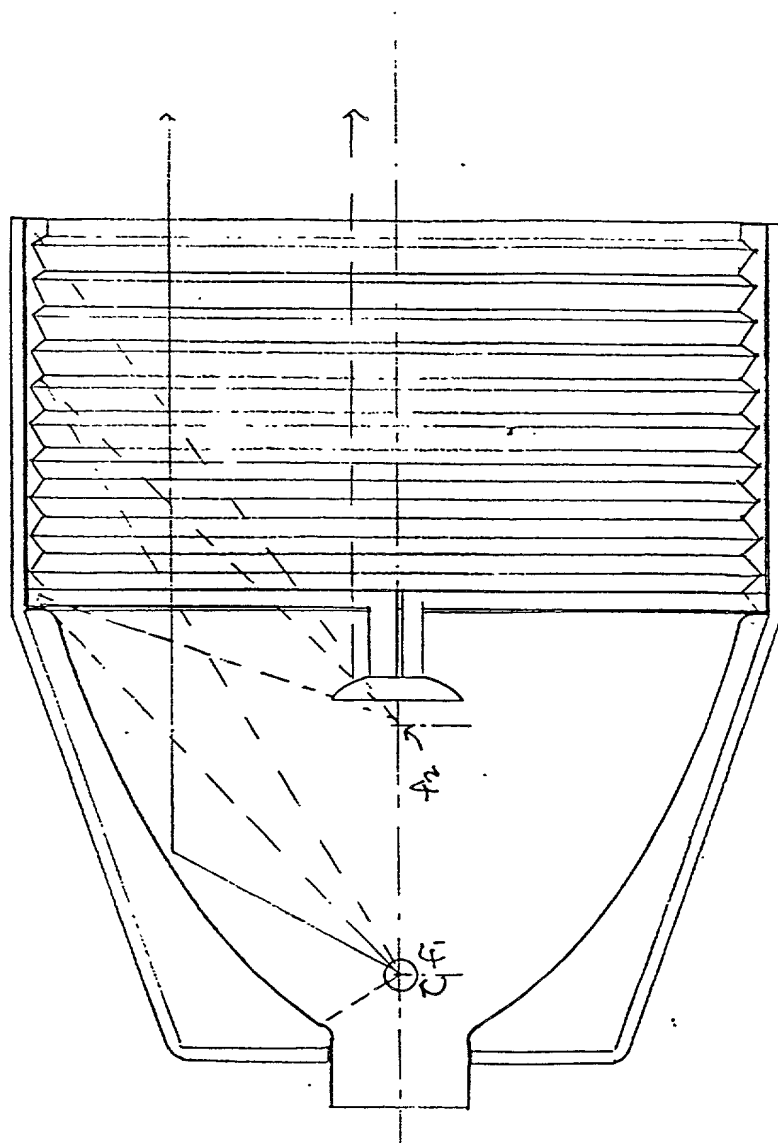


FIGURE 18

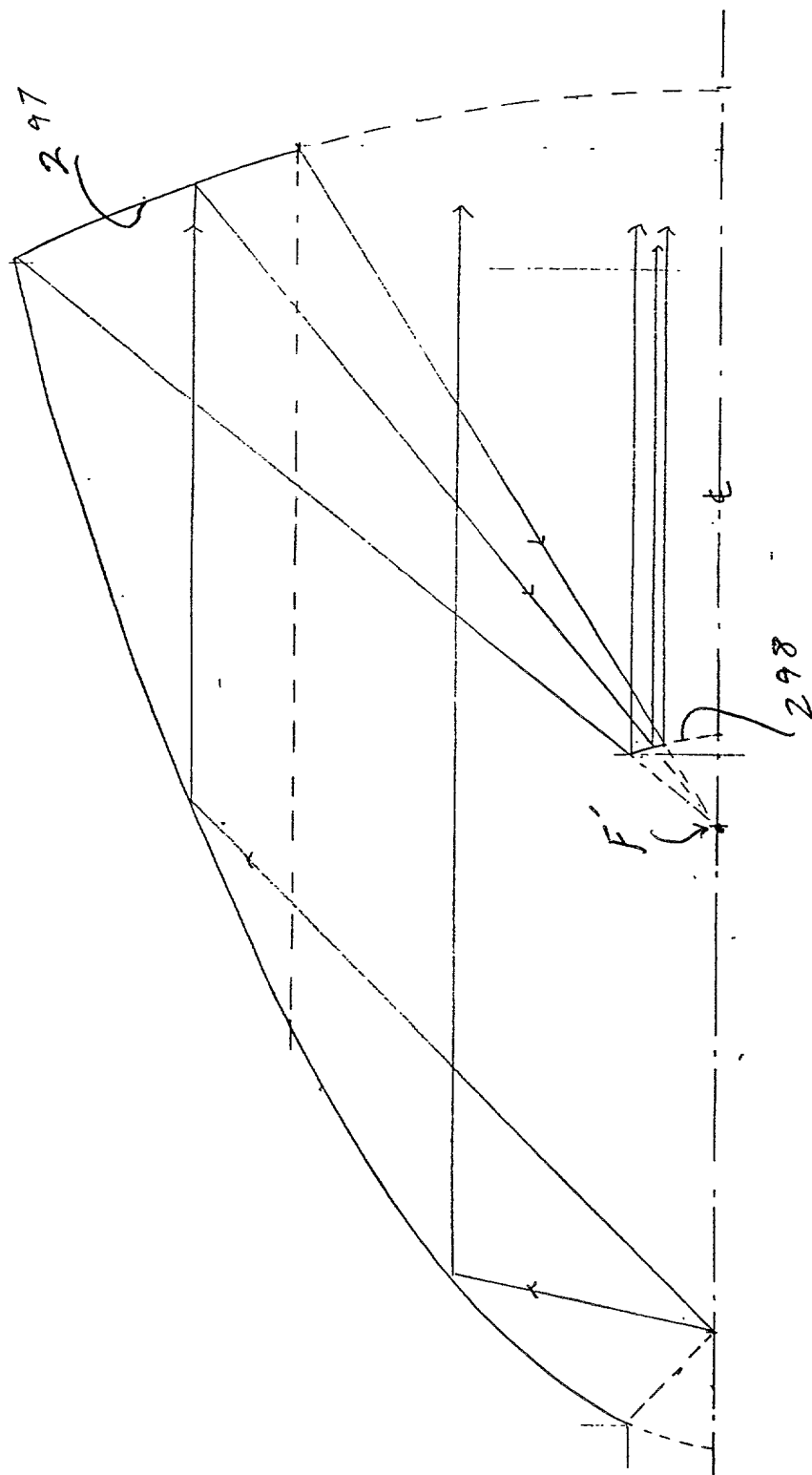


FIGURE 19

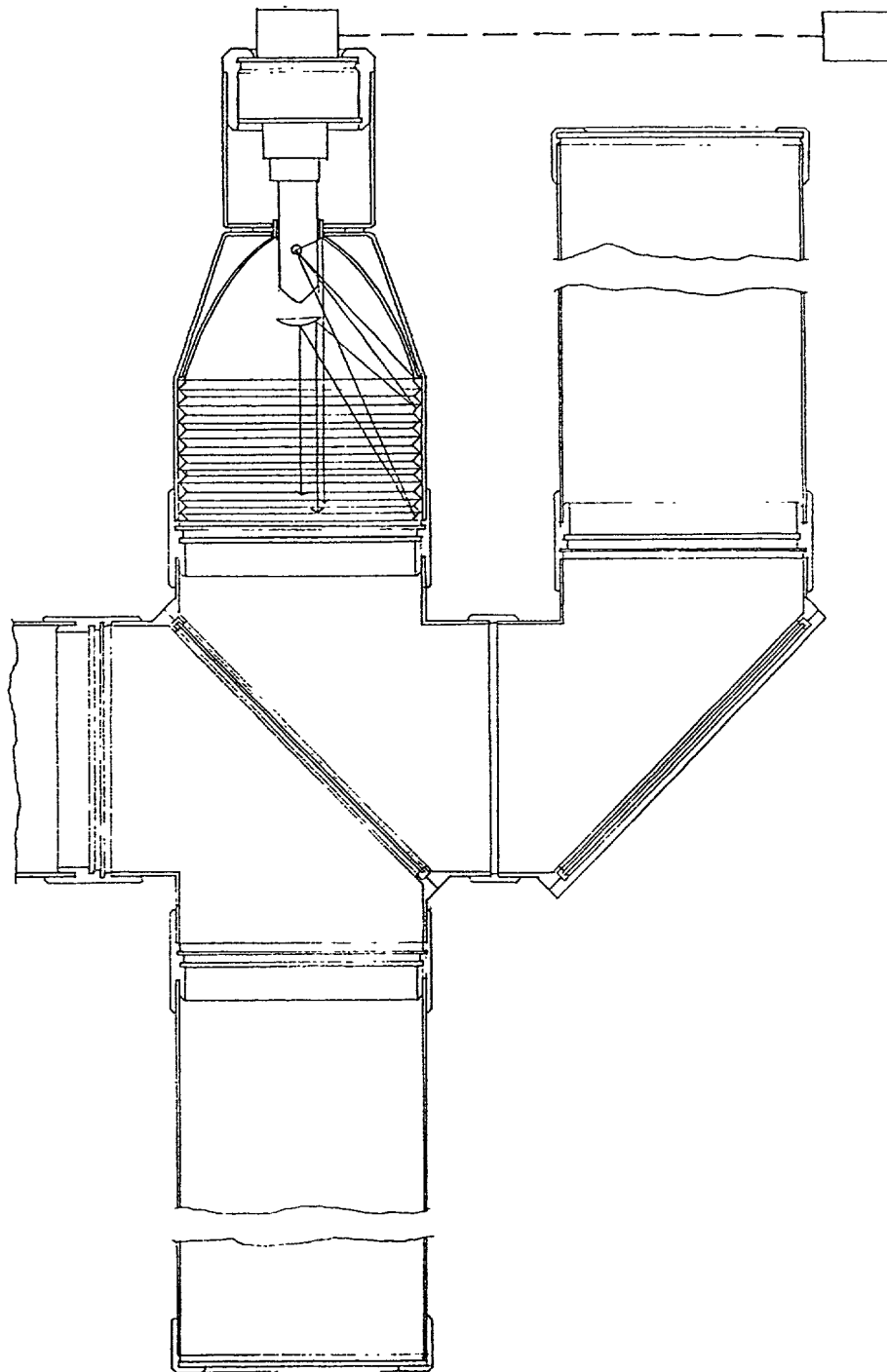


FIGURE 20

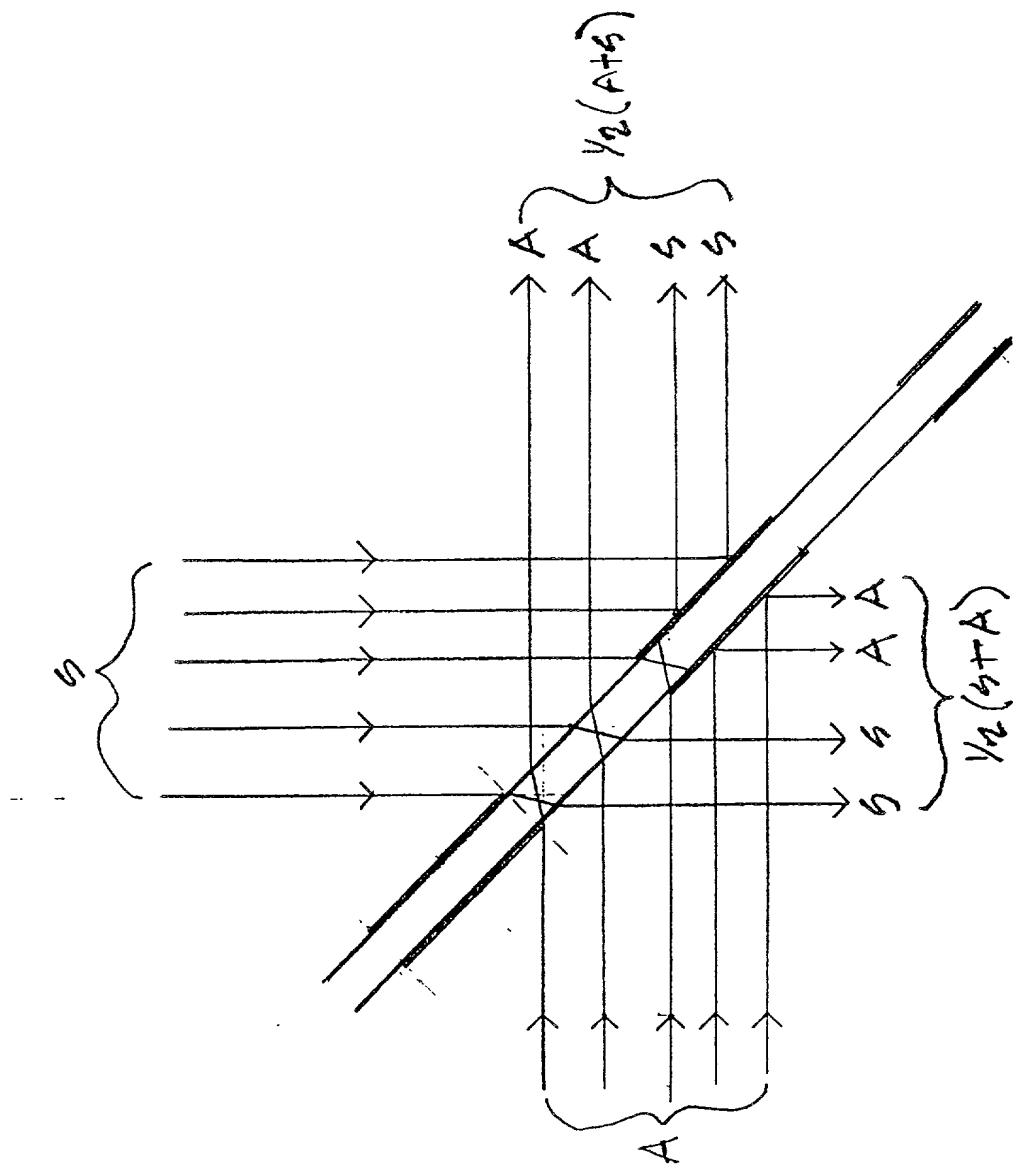


FIGURE 21C



FIGURE 21B



FIGURE 21A

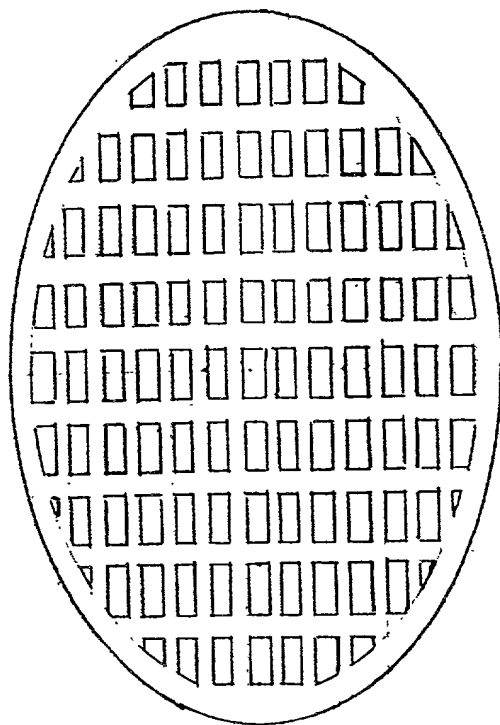
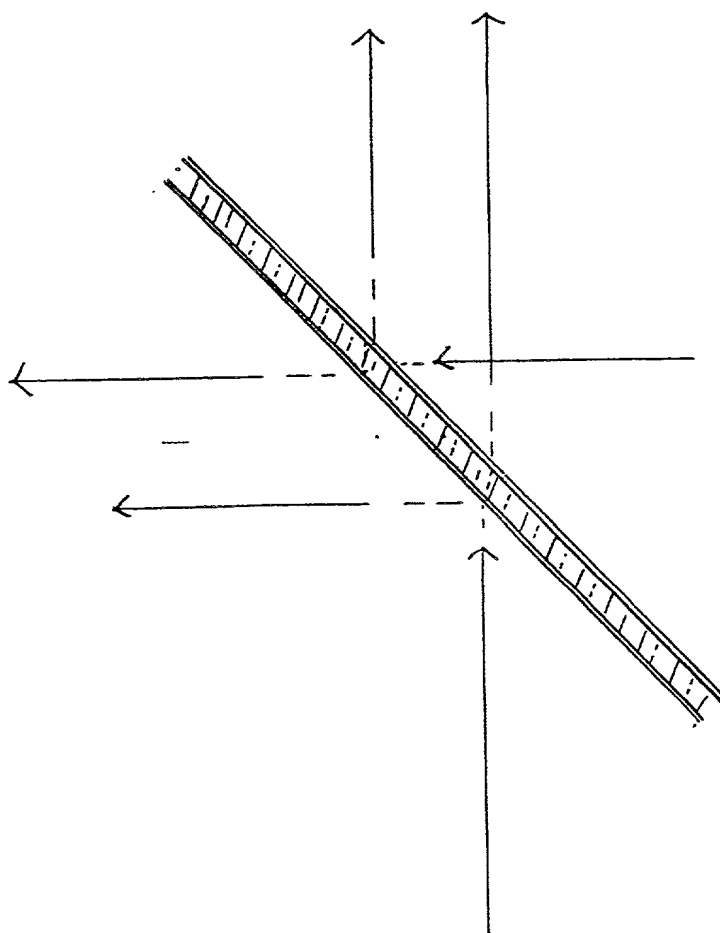


FIGURE 22



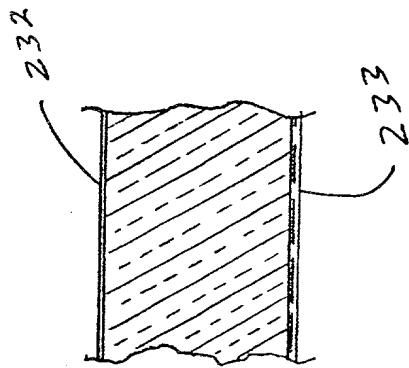


FIGURE 23C



FIGURE 23B

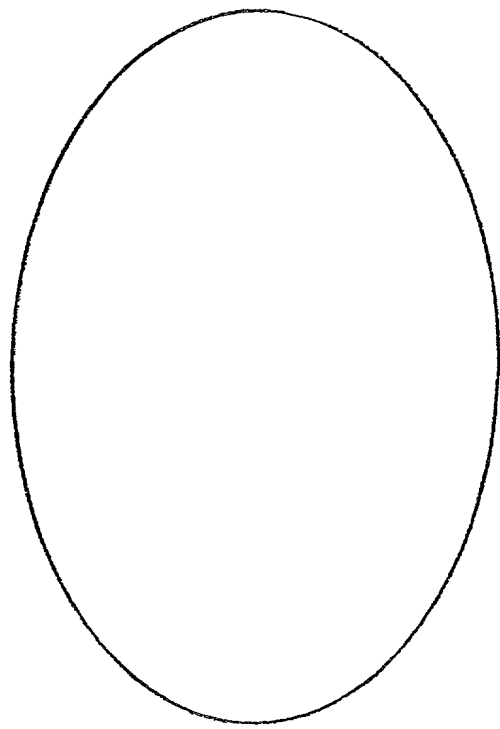
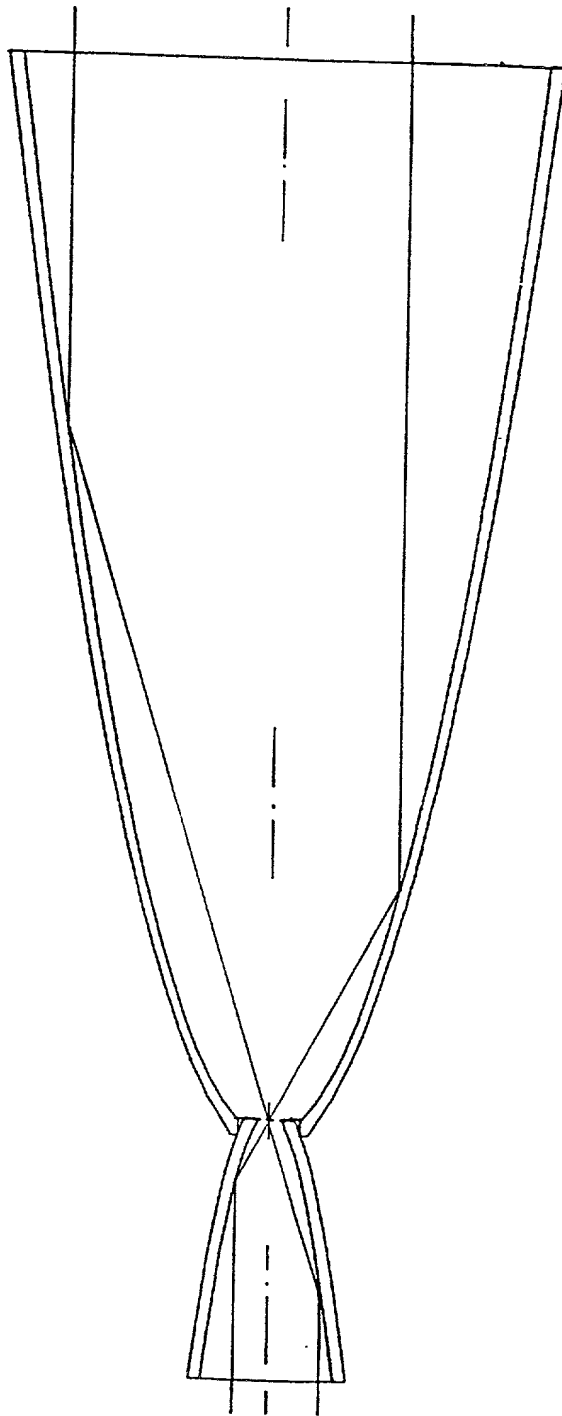


FIGURE 23A

FIGURE 24



the first and second ends of the first and second tubes are joined together to form a single tube.

FIGURE 25

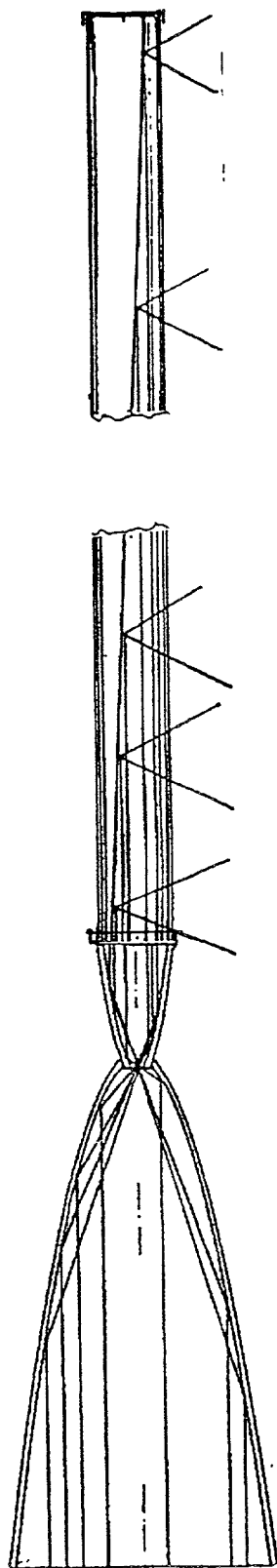


FIGURE 27

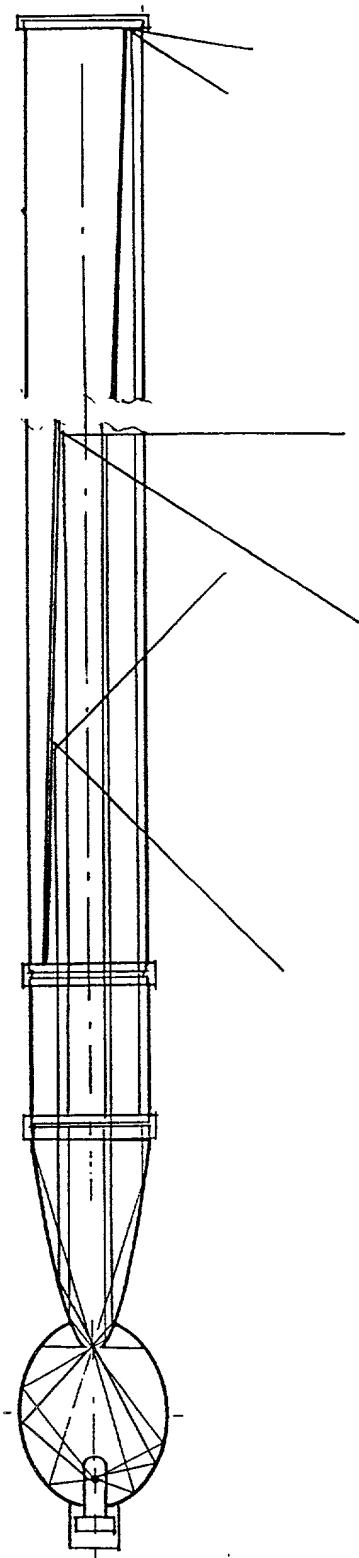


FIGURE 28

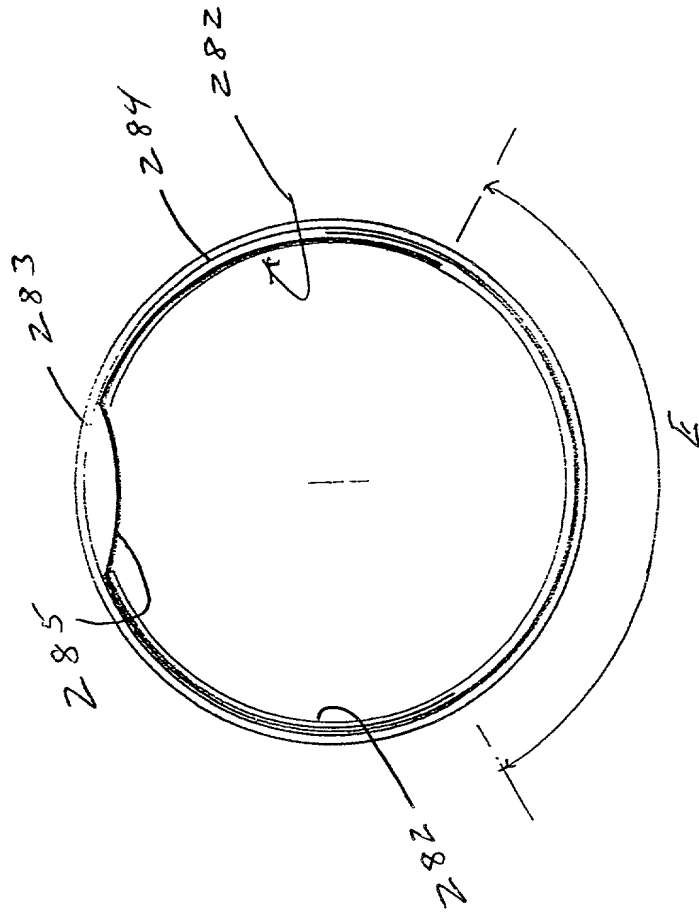


FIGURE 29

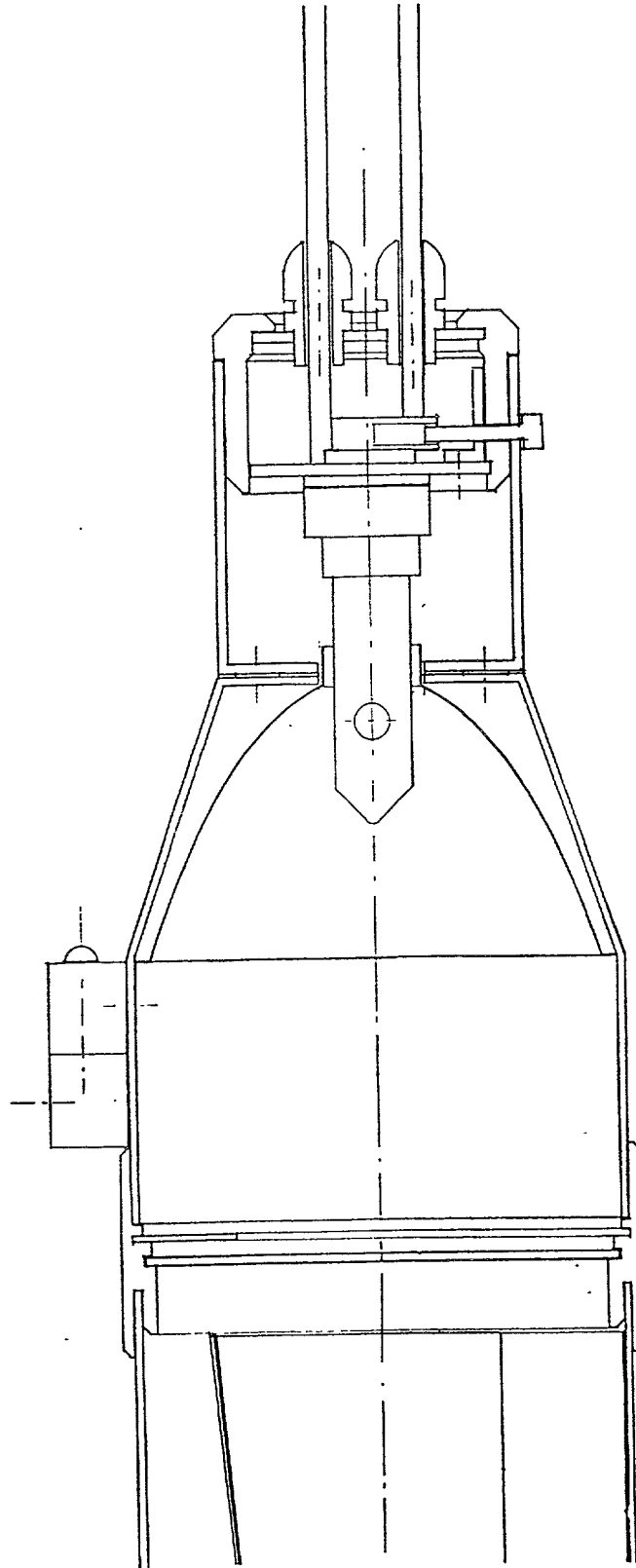


FIGURE 31

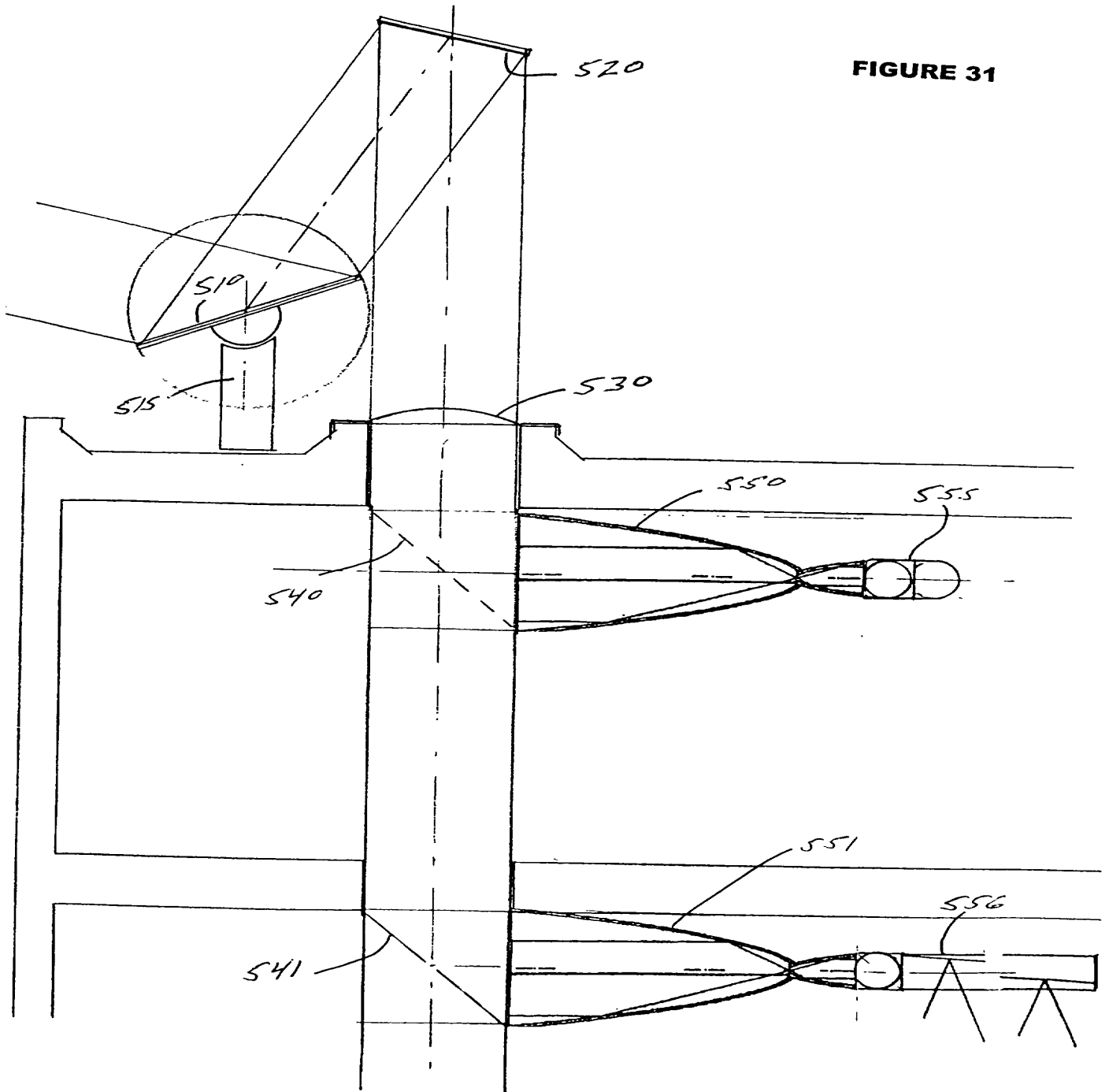


FIGURE 32

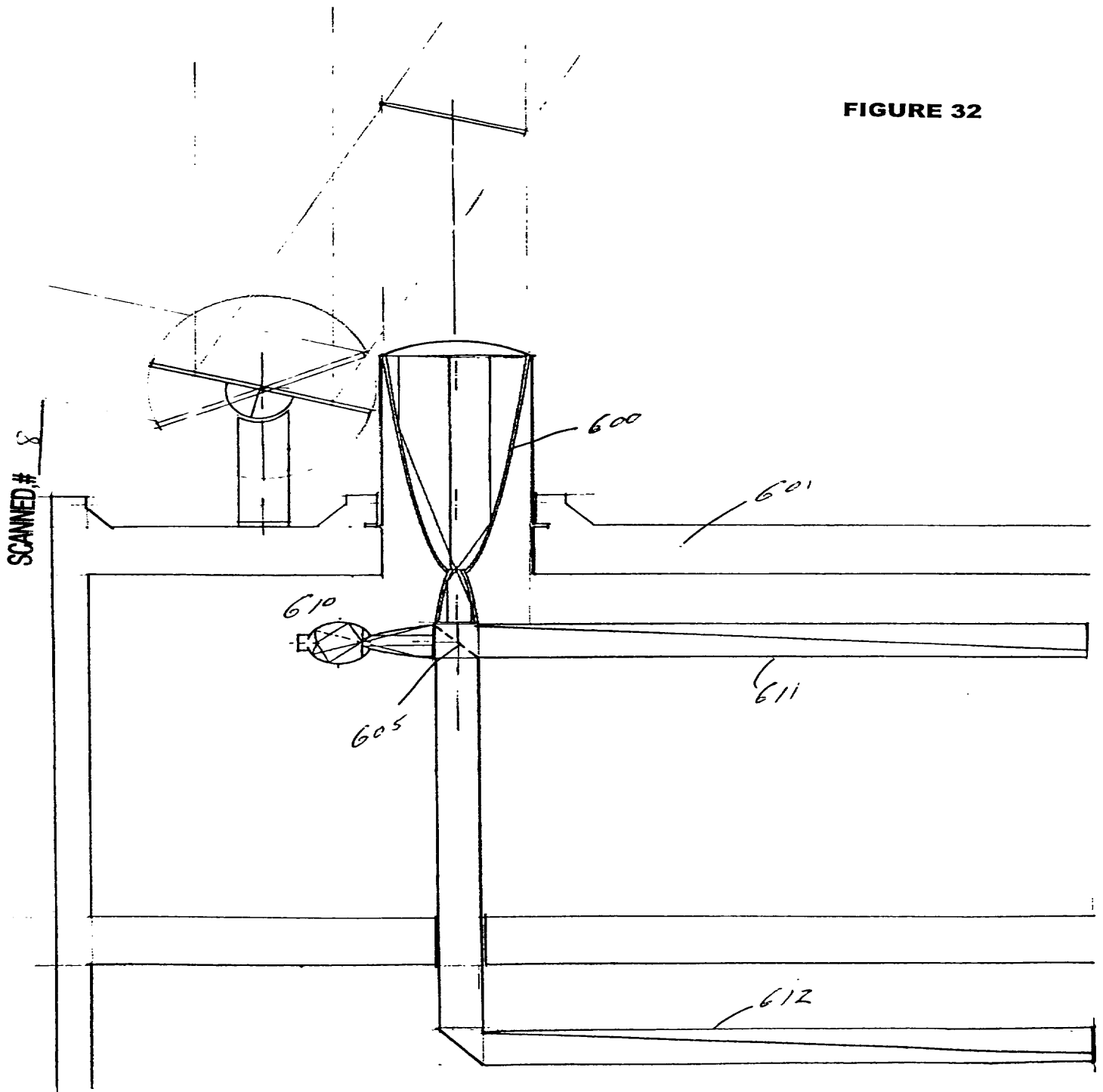


FIGURE 35A

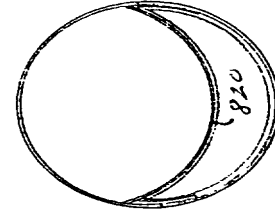
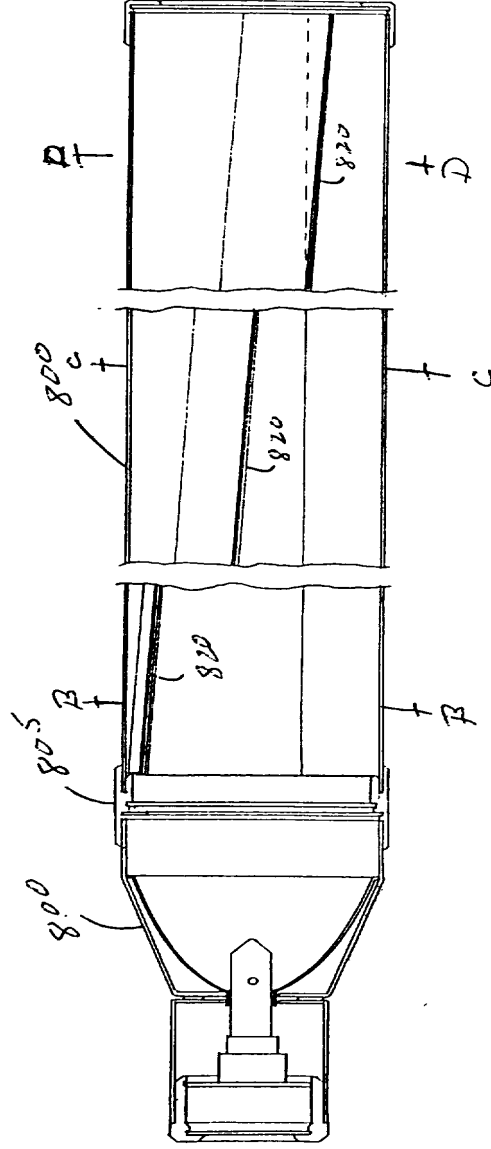


FIGURE 35B

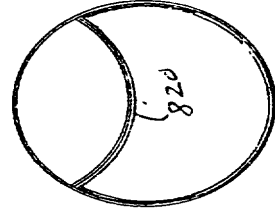


FIGURE 35C

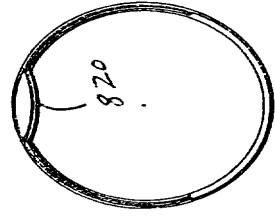


FIGURE 35D